

Cumulative Review 4 (Key)

1. $9(x + 1)(x - 1)$

2. $(a + 2b)(a - 2b)$

3. $3(x + 2)(x^2 - 2x + 4)$

4. $x = 4$

5. $x = 12$

6. $x = -7, x = 2$

7. $\frac{-2x + 3}{(x + 1)(x + 2)}$

8. $\frac{-5x + 22}{x - 3}$

9. $\frac{x + 3}{2(x + 4)}$

10. $\frac{(x - 5)(x - 2)}{3(5x - 1)(x + 1)}$